

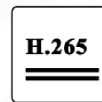


2MP IR Starlight Bullet Network Camera

SIP-VB201FDA

FEATURES:

- H.265+/H.265/H.264+/H.264/MJPEG coding
- 2MP (1920 × 1080) @30fps
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- Starlight
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Built-in micro SD card slot
- DC12V/PoE power supply
- Support three streams
- IP 67 ingress protection
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



H.265



WDR



AWB



Defog



HLC



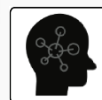
BLC



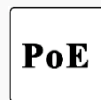
Motion
Detection



IP67



VCA



PoE

SPECIFICATIONS

CAMERA

Image Sensor	1 / 2.8" CMOS
Image Size	1920×1080
Electronic Shutter	1 / 2 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	3.6 mm@F1.6, horizontal FoV: 78.9°; vertical FoV: 45.5°; diagonal FoV: 101°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°

IMAGE

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz: 1080P/720P(1 ~ 30fps); 50Hz: 1080P / 720P(1 ~ 25fps)
Sub Stream	60Hz: 720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~25fps)
Third Stream	60Hz: D1/CIF/480×240 (1~30fps); 50Hz: D1/CIF/480×240 (1~25fps)
Bit Rate	64 Kbps ~ 6 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A/U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, Image Flip, Image Mirror, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

INTERFACES

Network	RJ45
Video Output	No
Audio	1CH audio input
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Alarm	No

FUNCTIONS

Remote Monitoring	Web Browser/NVMS2.0/NVR/mobile APP
Web Browser	IE(plugin required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
PoE	Yes, IEEE802.3af
IR Distance	20 ~ 30 m
Ingress Protection	IP67

DORI Distance

Lens	3.6mm
Detect	50.89m(166.96ft)
Observe	20.35m(66.76ft)
Recognize	10.18m(33.39ft)
Identify	5.09m(16.69ft)

Intelligent Analytics (Smart Events)

Perimeter Protection	Line crossing, region intrusion/entrance/exiting (human/motor vehicle/ non-motor vehicle classification)
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and video cast detection
Face Detection	Face detection and face capture
Other Events	Abandoned/missing object detection, crowd density detection

OTHERS

Power Supply	DC12V/PoE
Power Consumption	< 6.5W
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.5 × 74.5 × 74.5
Weight (net)	Approx. 0.24KG
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)